

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. Contract ID Code Firm-Fixed-Price		Page 1 Of 4	
2. Amendment/Modification No. 0001		3. Effective Date 2005MAR01		4. Requisition/Purchase Req No. SEE SCHEDULE		5. Project No. (If applicable)	
6. Issued By TACOM WARREN AMSTA-PM-LAV-B DOUGLAS W. CLEVELAND (586)574-6834 WARREN, MICHIGAN 48397-5000 HTTP://CONTRACTING.TACOM.ARMY.MIL EMAIL: CLEVELAD@TACOM.ARMY.MIL		Code W56HZV		7. Administered By (If other than Item 6) <div style="display: flex; justify-content: space-between;">SCDPASADP PT</div>			
8. Name And Address Of Contractor (No., Street, City, County, State and Zip Code)				<input checked="" type="checkbox"/> 9A. Amendment Of Solicitation No. W56HZV-04-R-0325			
				<input type="checkbox"/> 9B. Dated (See Item 11) 2005FEB15			
				<input type="checkbox"/> 10A. Modification Of Contract/Order No.			
				<input type="checkbox"/> 10B. Dated (See Item 13)			
Code		Facility Code					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input checked="" type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing items 8 and 15, and returning <u>2 signed</u> copies of the amendments: (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. Accounting And Appropriation Data (If required)							
13. THIS ITEM ONLY APPLIES TO MODIFICATIONS OF CONTRACTS/ORDERS It Modifies The Contract/Order No. As Described In Item 14.							
<input type="checkbox"/> A. This Change Order is Issued Pursuant To: The Changes Set Forth In Item 14 Are Made In The Contract/Order No. In Item 10A.							
<input type="checkbox"/> B. The Above Numbered Contract/Order Is Modified To Reflect The Administrative Changes (such as changes in paying office, appropriation data, etc.) Set Forth In Item 14, Pursuant To The Authority of FAR 43.103(b).							
<input type="checkbox"/> C. This Supplemental Agreement Is Entered Into Pursuant To Authority Of:							
<input type="checkbox"/> D. Other (Specify type of modification and authority)							
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the Issuing Office.							
14. Description Of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) SEE SECOND PAGE FOR DESCRIPTION							
<p>Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.</p>							
15A. Name And Title Of Signer (Type or print)				16A. Name And Title Of Contracting Officer (Type or print)			
15B. Contractor/Offeror _____ (Signature of person authorized to sign)		15C. Date Signed		16B. United States Of America By _____ /SIGNED/ (Signature of Contracting Officer)		16C. Date Signed	
NSN 7540-01-152-8070 PREVIOUS EDITIONS UNUSABLE				30-105-02		STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243	

SECTION A - SUPPLEMENTAL INFORMATION

Acknowledge all the amendments you've received from us by identifying the amendment number and its issue date in the box below:

:	:	:
:	:	:
Amendment Number	Date	:
:	:	:
:	:	:
:	:	:
:	:	:
:	:	:
:	:	:
:	:	:
:	:	:

[End of Clause]

AMENDMENT 1

The solicitation is amended as follows:

- The Statement of Objectives, RFP paragraph C.1, is revised as follows:
 - In paragraph C.1.1.2, the words "Government competitive test, demonstrate" are deleted and replaced with the words "system demonstration, substantiate".
 - In paragraph C.1.1.4, the number of system reviews is changed from one to two, and the words at the end of the paragraph are changed from "...Phase II." to "...Phases II and III."
 - Paragraph C.1.2.2 is deleted in its entirety.
- In Exhibit A, Data Item Number A021, the term "SGML" is deleted from block 2 and replaced with the term "XML". In addition, in block 16, the term "SGML" is deleted in all four places it appears and is replaced by the term "XML" in each of those places.
- Attachment 002 to the RFP, Government Furnished Equipment/Material/Property/Information, is revised as follows:
 - Under Software on page 1 of the attachment, "MS Windows 2000 loaded on MILTOPE laptop computers" is changed to "MS Windows XP loaded on MILTOPE laptop computers".
 - On page 2 of the attachment, the title of the Data Type Dictionary (DTD) is changed from "040629 PMLAV V1" to "USMC-LAV V1 040629".
- In Attachment 005, Technical Manual Contract Requirements (TMCR) for the LAV-C2 Upgrade, the term SGML is deleted in every place it appears and is replaced by the term "XML". In addition, In paragraph 4.1, Delivery Instructions, the placeholder for the CDRL number (previously shown as XXX) is changed to A021.
- The requirement to acknowledge all amendments to the RFP is hereby added to the solicitation.
- All other terms and conditions of the solicitation remain unchanged.

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN W56HZV-04-R-0325 MOD/AMD 0001	Page 3 of 4
Name of Offeror or Contractor:		

SECTION C - DESCRIPTION/SPECIFICATIONS/WORK STATEMENT

C.1 STATEMENT OF OBJECTIVES

C.1.1 Phase I System Development and Demonstration Objectives.

C.1.1.1 Demonstrate that the system design is sufficiently low risk, affordable to enter Phase II.

C.1.1.2. Through prototype construction and a system demonstration, substantiate the ability of the Contractors to produce functional LAV-C2 Upgrade vehicles that meet the Government's performance and cost objectives.

C.1.1.3 Through analysis, address the maintenance approach and integrated logistical support that will be used and needed for the system once fielded.

C.1.1.4 Provide two LAV-C2 Upgrade system reviews including system design, requirements trade-offs with supporting data including cost, technical and manufacturing accomplishments, results of subsystem and system analyses, demonstrations and tests, remaining technical and manufacturing risks, logistics and maintenance requirements, and cost projections and major tasks to be accomplished in Phases II and III.

C.1.1.5 Phase I will be complete when the Government is confident that at least one of the upgraded systems meets, or can be expected to meet, the minimum performance standards established in the System Performance Specification (SPS) and the SRD, the Government has agreed upon a fixed production price for the LAV-C2 Upgrade and the Government has selected the winning Contractor for continued development.

C.1.2 Phase II Design Finalization and Test Objectives.

C.1.2.1 Contractor completes the design and demonstrates that all requirements as stated in the SPS are met and that the design is producible.

C.1.2.2 Reserved

C.1.2.3 Produce up to four production representative systems, three will be used for Developmental and Operational Test and Evaluation, while the fourth will be used to develop the integrated logistics support package.

C.1.2.4 During Operational Testing, demonstrate that the operator and organizational maintenance procedures are effective and reliable.

C.1.2.5 Demonstrate military utility (operational effectiveness and suitability) to support production.

C.1.2.6 Phase II will be complete when the Government is confident that the upgraded vehicle is producible, supportable, and has met ORD requirements.

C.1.3 Phase III Production and Deployment Objectives.

C.1.3.1 Deliver affordable, producible and supportable systems at the agreed upon production price. At least 50 production systems, installed on the LAV-C2 vehicles, with the required support (training, technical manuals, spare parts and test equipment) will be required for total package fielding.

C.1.3.2 Demonstrate that the Direct Support and above maintenance procedures are effective and reliable.

C.1.3.3 Provide up to three systems for Government Production Verification Testing (PVT) in order to demonstrate that the production hardware meets the requirements of the SPS.

C.2 The Systems Requirements Document (SRD) for the LAV-C2 is located at Attachment 1.

CONTINUATION SHEET	Reference No. of Document Being Continued		Page 4 of 4
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Name of Offeror or Contractor:

SECTION J - LIST OF ATTACHMENTS

List of Addenda	Title	Date	Number of Pages	Transmitted By
Exhibit A	CONTRACT DATA REQUIREMENTS LIST (CDRL)			
Attachment 002	GOVERNMENT FURNISHED MATERIAL / EQUIPMENT / PROPERTY / INFORMATION			
Attachment 005	TECHNICAL MANUAL CONTRACT REQUIREMENT (TMCR)			

1. DATA ITEM NO. A003
2. TITLE OF DATA ITEM: Integrated Master Plan / Integrated Master Schedule (IMP/IMS) Updates
3. SUBTITLE:
4. AUTHORITY (Dt of Acq Document No.) Contractor Format 5. CONTRACT REFERENCE: TBD
6. REQUIRING OFFICE: PM-LAV
7. DD250 REQ: LT 8. APP CODE: 9. DIST. STATEMENT REQUIRED: 10. FREQUENCY: See Blk 16
11. AS OF DATE: 12. DATE OF FIRST SUB: 13. DATE OF SUBS.SUB:
14. DISTRIBUTION A. ADDRESSEES C2CDRL@tacom.army.mil B. COPIES DRAFT FINAL 1
15. TOTAL: 1
16. REMARKS: Applies to all phases. The Contractor shall submit the updated IMP/IMS electronically to C2CDRL@tacom.army.mil. Submission and updates shall be made as required. DID DI-MGMT-80004 is referenced for information purposes only. Following format of this DID is not required.

17. PRICE GROUP: 18. ESTIMATED TOTAL PRICE:

A. CONTRACT LINE ITEM NO B. EXHIBIT: C. CATEGORY:
D. SYSTEM/ITEM: E. CONTRACT/PR NO.: F. CONTRACTOR:

1. DATA ITEM NO. A004
2. TITLE OF DATA ITEM: Cost Schedule Status Report (CSSR)
3. SUBTITLE:
4. AUTHORITY (Dt of Acq Document No.) Contractor Format 5. CONTRACT REFERENCE: TBD
6. REQUIRING OFFICE: PM-LAV
7. DD250 REQ: LT 8. APP CODE: 9. DIST. STATEMENT REQUIRED: 10. FREQUENCY: See Blk 16
11. AS OF DATE: 12. DATE OF FIRST SUB: 13. DATE OF SUBS.SUB:
14. DISTRIBUTION A. ADDRESSEES C2CDRL@tacom.army.mil B. COPIES DRAFT FINAL 1
15. TOTAL: 1

16. REMARKS: Applies to phases I and II. The Contractor shall submit the monthly CSSR, electronically in X.12 format and Microsoft Excel spreadsheet to C2CDRL@tacom.army.mil. Initial submission 60 DAC, monthly updates thereafter. DID DI-MGMT-81467 is referenced for information purposes only. Following format of this DID is not required.

17. PRICE GROUP: 18. ESTIMATED TOTAL PRICE:

G. PREPARED BY: I. APPROVED BY:
H. DATE: J. DATE:

A. CONTRACT LINE ITEM NO B. EXHIBIT: C. CATEGORY:
D. SYSTEM/ITEM: E. CONTRACT/PR NO.: F. CONTRACTOR:

1. DATA ITEM NO. A005
2. TITLE OF DATA ITEM: Safety Assessment Report (SAR)
3. SUBTITLE:
4. AUTHORITY (Dt of Acq Document No.) Contractor Format 5. CONTRACT REFERENCE: TBD
6. REQUIRING OFFICE: PM-LAV
7. DD250 REQ: LT 8. APP CODE: A 9. DIST. STATEMENT REQUIRED: 10. FREQUENCY: See Blk 16
11. AS OF DATE: 12. DATE OF FIRST SUB: 13. DATE OF SUBS.SUB:
14. DISTRIBUTION A. ADDRESSEES C2CDRL@tacom.army.mil B. COPIES DRAFT FINAL 1
15. TOTAL: 1

16. REMARKS: Applies to all phases. The Contractor shall submit the SAR electronically to C2CDRL@tacom.army.mil. Submit 120 DAC, update 30 days after any configuration change. The Contractor shall also notify the Government immediately by phone or fax if new

hazards or increased risk probability levels are identified during Government DT or OT. DID DI-SAFT-80102B is referenced for information purposes only. Following format of this DID is not required.

17. PRICE GROUP:

18. ESTIMATED TOTAL PRICE:

G. PREPARED BY:

I. APPROVED BY:

H. DATE:

J. DATE:

A. CONTRACT LINE ITEM NO

B. EXHIBIT:

C. CATEGORY:

D. SYSTEM/ITEM:

E. CONTRACT/PR NO.:

F. CONTRACTOR:

1. DATA ITEM NO. A006

2. TITLE OF DATA ITEM: Health Hazard Analysis Report (HHAR)

3. SUBTITLE:

4. AUTHORITY (Dt of Acq Document No.) Contractor Format 5. CONTRACT REFERENCE: TBD

6. REQUIRING OFFICE: PM-LAV

7. DD250 REQ: LT

8. APP CODE: A

9. DIST. STATEMENT REQUIRED:

10. FREQUENCY: See Blk 16

11. AS OF DATE:

12. DATE OF FIRST SUB:

13. DATE OF SUBS.SUB:

14. DISTRIBUTION A. ADDRESSEES C2CDRL@tacom.army.mil B. COPIES DRAFT 1 FINAL 1

15. TOTAL: 1

16. REMARKS: Applies to all phases. The Contractor shall submit the HHAR electronically to C2CDRL@tacom.army.mil. Submit 120 DAC, update as required from design changes or any new information as change pages within 15 days after the event or discovery. DID DI-SAFT-80106B is referenced for information purposes only. Following format of this DID is not required.

17. PRICE GROUP:

18. ESTIMATED TOTAL PRICE:

A. CONTRACT LINE ITEM NO

B. EXHIBIT:

C. CATEGORY:

D. SYSTEM/ITEM:

E. CONTRACT/PR NO.:

F. CONTRACTOR:

1. DATA ITEM NO. A007

2. TITLE OF DATA ITEM: Environmental Assessment

3. SUBTITLE:

4. AUTHORITY (Dt of Acq Document No.) Contractor Format 5. CONTRACT REFERENCE: TBD

6. REQUIRING OFFICE: PM-LAV

7. DD250 REQ: LT

8. APP CODE: A

9. DIST. STATEMENT REQUIRED:

10. FREQUENCY: See Blk 16

11. AS OF DATE:

12. DATE OF FIRST SUB:

13. DATE OF SUBS.SUB:

14. DISTRIBUTION A. ADDRESSEES C2CDRL@tacom.army.mil B. COPIES DRAFT FINAL 1

15. TOTAL: 1

16. REMARKS: Applies to all phases. The Contractor shall submit an Environmental Assessment electronically to C2CDRL@tacom.army.mil. Submit 120 DAC. The Government will review and provide comments within 30 days. The Contractor shall submit a revised plan within 30 days after receipt of Government comments.

17. PRICE GROUP:

18. ESTIMATED TOTAL PRICE:

G. PREPARED BY:

I. APPROVED BY:

H. DATE:

J. DATE:

A. CONTRACT LINE ITEM NO B. EXHIBIT: C. CATEGORY:
D. SYSTEM/ITEM: E. CONTRACT/PR NO.: F. CONTRACTOR:

1. DATA ITEM NO. A008
2. TITLE OF DATA ITEM: Test/Inspection Report
3. SUBTITLE:
4. AUTHORITY (Dt of Acq Document No.)Contractor Format 5. CONTRACT REFERENCE: TBD
6. REQUIRING OFFICE: PM-LAV
7. DD250 REQ: LT 8. APP CODE: A 9. DIST. STATEMENT REQUIRED: 10. FREQUENCY: See Blk 16
11.AS OF DATE: 12. DATE OF FIRST SUB: As required 13. DATE OF SUBS.SUB: As Required
14. DISTRIBUTION A. ADDRESSEES C2CDRL@tacom.army.mil B. COPIES DRAFT 1 FINAL 1
15. TOTAL: 2

16. REMARKS: Applies to phases II and III. The Contractor shall submit reports electronically to C2CDRL@tacom.army.mil as required for Government review, comment and approval. Submit final reports 30 days after receipt of Government comments.

17. PRICE GROUP: 18. ESTIMATED TOTAL PRICE:

A. CONTRACT LINE ITEM NO B. EXHIBIT: C. CATEGORY:
D. SYSTEM/ITEM: E. CONTRACT/PR NO.: F. CONTRACTOR:

1. DATA ITEM NO. A009 DI-RELI-81315
2. TITLE OF DATA ITEM: Failure Analysis Corrective Action Response (FACAR)
3. SUBTITLE:
4. AUTHORITY (Dt of Acq Document No.)Contractor Format 5. CONTRACT REFERENCE: TBD
6. REQUIRING OFFICE: PM-LAV
7. DD250 REQ: LT 8. APP CODE: 9. DIST. STATEMENT REQUIRED: 10. FREQUENCY: See Blk 16
11.AS OF DATE: 12. DATE OF FIRST SUB: As req'd 13. DATE OF SUBS.SUB:
14. DISTRIBUTION A. ADDRESSEES C2CDRL@tacom.army.mil B. COPIES DRAFT FINAL 1
15. TOTAL: 1

16. REMARKS: Applies to phases II and III. The Contractor shall submit FACAR electronically to C2CDRL@tacom.army.mil. Submit interim FACAR within the following timeframes after receipt of each Test Incident Report (TIR): Critical - 48 hours, Major - 10 days, minor - 30 days. Update every 14 days thereafter with final FACAR due 30 days after receipt of TIR.

17. PRICE GROUP: 18. ESTIMATED TOTAL PRICE:

A. CONTRACT LINE ITEM NO B. EXHIBIT: C. CATEGORY:
D. SYSTEM/ITEM: E. CONTRACT/PR NO.: F. CONTRACTOR:

1. DATA ITEM NO. A010 DI-RELI-81315
2. TITLE OF DATA ITEM: Product Quality Deficiency Response Report (PQDRR)
3. SUBTITLE:
4. AUTHORITY (Dt of Acq Document No.)Contractor Format 5. CONTRACT REFERENCE: TBD
6. REQUIRING OFFICE: PM-LAV
7. DD250 REQ: No 8. APP CODE: 9. DIST. STATEMENT REQUIRED: 10. FREQUENCY: See Blk 16
11.AS OF DATE: 12. DATE OF FIRST SUB: As required 13. DATE OF SUBS.SUB: As required
14. DISTRIBUTION A. ADDRESSEES C2CDRL@tacom.army.mil B. COPIES DRAFT 2 FINAL 2
15. TOTAL: 4

16. REMARKS: Applies to phase III. The Contractor shall submit QDRR electronically to C2CDRL@tacom.army.mil within the following timeframes: Category I PQDR - within 20 days W/O exhibit or 20 days after receipt of exhibit; Category II PQDR - within 30 days W/O exhibit or 30 days after receipt of exhibit. Prepare report to the requirements of paragraph 10.4.1 b, c, d, and e only of DI-RELI-81315

17. PRICE GROUP:

18. ESTIMATED TOTAL PRICE:

A. CONTRACT LINE ITEM NO
D. SYSTEM/ITEM:

B. EXHIBIT:
E. CONTRACT/PR NO.:

C. CATEGORY:
F. CONTRACTOR:

1. DATA ITEM NO. A011
2. TITLE OF DATA ITEM: End Item Final Inspection Record
3. SUBTITLE: DI-QCIC-81068
4. AUTHORITY (Dt of Acq Document No.)Contractor Format 5. CONTRACT REFERENCE: TBD
6. REQUIRING OFFICE: PM-LAV
7. DD250 REQ: LT 8. APP CODE: A 9. DIST. STATEMENT REQUIRED: 10. FREQUENCY: See Blk 16
11.AS OF DATE: 12. DATE OF FIRST SUB: As required 13. DATE OF SUBS.SUB: As required
14. DISTRIBUTION A. ADDRESSEES C2CDRL@tacom.army.mil B. COPIES DRAFT 1 FINAL 1
15. TOTAL: 2

16. REMARKS: The Contractor shall submit the End Item Final Inspection Record electronically to C2CDRL@tacom.army.mil 30 days prior to commencement of Phase III, Production for Government review and approval. Government notification of conditional approval or disapproval submitted 20 calendar days after receipt of the FIR.

17. PRICE GROUP:

18. ESTIMATED TOTAL PRICE:

A. CONTRACT LINE ITEM NO
D. SYSTEM/ITEM:

B. EXHIBIT:
E. CONTRACT/PR NO.:

C. CATEGORY:
F. CONTRACTOR:

1. DATA ITEM NO. A012
2. TITLE OF DATA ITEM: Equipment Damage & Refurbishment Inspection Report
3. SUBTITLE:
4. AUTHORITY (Dt of Acq Document No.)Contractor Format 5. CONTRACT REFERENCE: TBD
6. REQUIRING OFFICE: PM-LAV
7. DD250 REQ: LT 8. APP CODE: A 9. DIST. STATEMENT REQUIRED: 10. FREQUENCY: See Blk 16
11.AS OF DATE: 12. DATE OF FIRST SUB:As required 13. DATE OF SUBS.SUB: As required
14. DISTRIBUTION A. ADDRESSEES C2CDRL@tacom.army.mil B. COPIES DRAFT 1 FINAL 1
15. TOTAL: 2

16. REMARKS: The Contractor shall submit the Equipment Damamge & Refurbishment Inspection Reports including costs and schedules for repairs on the OT and PVT vehicles, electronically to C2CDRL@tacom.army.mil 30 days after receipt of Phase II and PVT vehicles from the test sites for Gov't review and approval.

17. PRICE GROUP:

18. ESTIMATED TOTAL PRICE:

G. PREPARED BY:
H. DATE:

I. APPROVED BY:
J. DATE:

A. CONTRACT LINE ITEM NO
D. SYSTEM/ITEM:

B. EXHIBIT:
E. CONTRACT/PR NO.:

C. CATEGORY:
F. CONTRACTOR:

1. DATA ITEM NO. A013
2. TITLE OF DATA ITEM: Engineering Change Proposal (ECP)
3. SUBTITLE:
4. AUTHORITY (Dt of Acq Document No.)Contractor Format 5. CONTRACT REFERENCE: TBD
6. REQUIRING OFFICE: PM-LAV
7. DD250 REQ: LT 8. APP CODE: A 9. DIST. STATEMENT REQUIRED: 10. FREQUENCY: As req'd

11. AS OF DATE: 12. DATE OF FIRST SUB: As req'd 13. DATE OF SUBS.SUB:

14. DISTRIBUTION A. ADDRESSEES MCLCA (566-1) B. COPIES DRAFT FINAL 1
15. TOTAL: 1

16. Block 4: MEARS ECP text files shall be submitted electronically using MICROSOFT(.doc) or ADOBE (.pdf) formatted software products.

Blk 10/Blk 12: ECPs shall be formatted for all proposed changes that permanently affect the baseline of a configuration item. Upon receipt by the Government, ECPs will be reviewed and disposition determined within 30 calendar days.

Blk 14: ECP submission notification shall be sent to terra.jowers@usmc.mil.

MEARS ECP accompanying figures shall be created using MICROSOFT formatted software or CCITT Group 4 graphic file with a minimum density of 600 dpi.

Point of Contact for MEARS Create questions or requests for MEARS may be directed to Ann Jowers at 229-639-6055 or terra.jowers@usmc.mil.

17. PRICE GROUP: 18. ESTIMATED TOTAL PRICE:

G. PREPARED BY: I. APPROVED BY:
H. DATE: J. DATE:

A. CONTRACT LINE ITEM NO B. EXHIBIT: C. CATEGORY:
D. SYSTEM/ITEM: E. CONTRACT/PR NO.: F. CONTRACTOR:

1. DATA ITEM NO. A014
2. TITLE OF DATA ITEM: Request for Deviation (RFD)
3. SUBTITLE:
4. AUTHORITY (Dt of Acq Document No.)Contractor Format 5. CONTRACT REFERENCE: TBD
6. REQUIRING OFFICE: PM-LAV
7. DD250 REQ: LT 8. APP CODE: A 9. DIST. STATEMENT REQUIRED: 10. FREQUENCY: As req'd
11. AS OF DATE: 12. DATE OF FIRST SUB: As req'd 13. DATE OF SUBS.SUB:

14. DISTRIBUTION A. ADDRESSEES MCLCA (566-1) B. COPIES DRAFT FINAL 1
15. TOTAL: 1

16. Block 4: MEARS RFP text files shall be submitted electronically using MICROSOFT(.doc) or ADOBE (.pdf) formatted software products.

Blk 10/Blk 12: RFDs shall be submitted to obtain authorization to deliver nonconforming material or processes which do not meet prescribed configuration documentation.

Blk 14: RFD submission notification shall be sent to terra.jowers@usmc.mil.

MEARS RFD accompanying figures shall be created using MICROSOFT formatted software or CCITT Group 4 graphic file with a minimum density of 600 dpi.

Point of Contact for MEARS Create questions or requests for MEARS may be directed to Ann Jowers at 229-639-6055 or terra.jowers@usmc.mil.

17. PRICE GROUP: 18. ESTIMATED TOTAL PRICE:

A. CONTRACT LINE ITEM NO B. EXHIBIT: C. CATEGORY:
D. SYSTEM/ITEM: E. CONTRACT/PR NO.: F. CONTRACTOR:

1. DATA ITEM NO. A015
2. TITLE OF DATA ITEM: Receipt of Government Material / Equipment Report
3. SUBTITLE:
4. AUTHORITY (Dt of Acq Document No.)Contractor Format 5. CONTRACT REFERENCE: TBD
6. REQUIRING OFFICE: PM-LAV
7. DD250 REQ: LT 8. APP CODE: A 9. DIST. STATEMENT REQUIRED: 10. FREQUENCY: See Blk 16
11.AS OF DATE: 12. DATE OF FIRST SUB:As required 13. DATE OF SUBS.SUB: As required
14. DISTRIBUTION A. ADDRESSEES C2CDRL@tacom.army.mil B. COPIES DRAFT 1 FINAL 1
15. TOTAL: 2

16. REMARKS: Applies to all phases. The Contractor shall submit the reports electronically to C2CDRL@tacom.army.mil within 10 days after receipt of GFE/M. The Contractor shall inspect the GFE/M to determine its adequacy, count, and condition. All deficiencies shall be identified in the report.

17. PRICE GROUP: 18. ESTIMATED TOTAL PRICE:

G. PREPARED BY: I. APPROVED BY:
H. DATE: J. DATE:

A. CONTRACT LINE ITEM NO B. EXHIBIT: C. CATEGORY:
D. SYSTEM/ITEM: E. CONTRACT/PR NO.: F. CONTRACTOR:

1. DATA ITEM NO. A016
2. TITLE OF DATA ITEM: Vehicle Maintenance Record
3. SUBTITLE:
4. AUTHORITY (Dt of Acq Document No.)Contractor Format 5. CONTRACT REFERENCE: TBD
6. REQUIRING OFFICE: PM-LAV
7. DD250 REQ: LT 8. APP CODE: A 9. DIST. STATEMENT REQUIRED: 10. FREQUENCY: See Blk 16
11.AS OF DATE: 12. DATE OF FIRST SUB:As required 13. DATE OF SUBS.SUB: As required
14. DISTRIBUTION A. ADDRESSEES C2CDRL@tacom.army.mil B. COPIES DRAFT 1 FINAL 1
15. TOTAL: 2

16. REMARKS: Applies to all phases. NLT ten days after receipt of the Government Furnished vehicle(s), the Government will perform a joint Limited Technical Inspection with the Contractor to validate the condition of the vehicles. Upon completion of the LTI, the Contractor shall perform any/all maintenance actions on the vehicle(s) while the vehicle(s) are under their control, to ensure that they are fully operational when they are turned over to the Government. The Contractor shall submit a bi-monthly Vehicle Maintenance Record detailing the condition of the vehicle and any maintenance actions conducted during the report period. The contractor shall submit the report electronically to C2CDRL@tacom.army.mil.

17. PRICE GROUP: 18. ESTIMATED TOTAL PRICE:

G. PREPARED BY: I. APPROVED BY:
H. DATE: J. DATE:

A. CONTRACT LINE ITEM NO B. EXHIBIT: C. CATEGORY:
D. SYSTEM/ITEM: E. CONTRACT/PR NO.: F. CONTRACTOR:

1. DATA ITEM NO. A017
2. TITLE OF DATA ITEM: Technical Data Package (TDP)
3. SUBTITLE:
4. AUTHORITY (Dt of Acq Document No.)Contractor Format 5. CONTRACT REFERENCE: TBD
6. REQUIRING OFFICE: PM-LAV
7. DD250 REQ: LT 8. APP CODE: A 9. DIST. STATEMENT REQUIRED: 10. FREQUENCY: See Blk 16

11. AS OF DATE: 12. DATE OF FIRST SUB: As required 13. DATE OF SUBS. SUB: As required

14. DISTRIBUTION A. ADDRESSEES C2CDRL@tacom.army.mil B. COPIES DRAFT 1 FINAL 1
15. TOTAL: 2

16. REMARKS: Applies to phase III. The complete TDP that describes the LAV-C2 Upgrade configuration shall be delivered 90 days after successful completion of PVT.

17. PRICE GROUP: 18. ESTIMATED TOTAL PRICE:

G. PREPARED BY: I. APPROVED BY:
H. DATE: J. DATE:

A. CONTRACT LINE ITEM NO B. EXHIBIT: C. CATEGORY:
D. SYSTEM/ITEM: E. CONTRACT/PR NO.: F. CONTRACTOR:

1. DATA ITEM NO. A018
2. TITLE OF DATA ITEM: Equipment Preservation and Data Sheet (EPDS) Update
3. SUBTITLE:
4. AUTHORITY (Dt of Acq Document No.) Contractor Format 5. CONTRACT REFERENCE: TBD
6. REQUIRING OFFICE: PM-LAV
7. DD250 REQ: LT 8. APP CODE: A 9. DIST. STATEMENT REQUIRED: 10. FREQUENCY: See Blk 16
11. AS OF DATE: 12. DATE OF FIRST SUB: As required 13. DATE OF SUBS. SUB: As required

14. DISTRIBUTION A. ADDRESSEES C2CDRL@tacom.army.mil B. COPIES DRAFT 1 FINAL 1
15. TOTAL: 2

16. REMARKS: Applies to phase III. The Contractor shall update the GFI EPDS as necessary based on the Contractor's LAV-C2 Upgrade configuration. The update shall be submitted electronically to C2CDRL@tacom.army.mil for Government review 30 days prior to PVT. Government comments will be provided with 45 days of receipt. A verification effort may be conducted by the Government if required. This verification will take place at the Contractor's facility within the 45 day Government comment period. A final updated EPDS shall be delivered NLT 20 days after receipt of Government comments.

17. PRICE GROUP: 18. ESTIMATED TOTAL PRICE:

G. PREPARED BY: I. APPROVED BY:
H. DATE: J. DATE:

A. CONTRACT LINE ITEM NO B. EXHIBIT: C. CATEGORY:
D. SYSTEM/ITEM: E. CONTRACT/PR NO.: F. CONTRACTOR:

1. DATA ITEM NO. A019
2. TITLE OF DATA ITEM: Inventory List of Removed Components
3. SUBTITLE:
4. AUTHORITY (Dt of Acq Document No.) Contractor Format 5. CONTRACT REFERENCE: TBD
6. REQUIRING OFFICE: PM-LAV
7. DD250 REQ: LT 8. APP CODE: A 9. DIST. STATEMENT REQUIRED: 10. FREQUENCY: See Blk 16
11. AS OF DATE: 12. DATE OF FIRST SUB: As required 13. DATE OF SUBS. SUB: As required

14. DISTRIBUTION A. ADDRESSEES C2CDRL@tacom.army.mil B. COPIES DRAFT 1 FINAL 1
15. TOTAL: 2

16. REMARKS: Applies to all phases. The Contractor shall submit a listing (contractor format) that represents all items/components that were removed from the Government provided LAV-C2. At a minimum the list shall include part number or NSN, quantity, and condition. The

listing shall be submitted electronically to C2CDRL@tacom.army.mil NLT shipment of the vehicle(s) to the test site.

17. PRICE GROUP:

18. ESTIMATED TOTAL PRICE:

G. PREPARED BY:

I. APPROVED BY:

H. DATE:

J. DATE:

A. CONTRACT LINE ITEM NO

B. EXHIBIT:

C. CATEGORY:

D. SYSTEM/ITEM:

E. CONTRACT/PR NO.:

F. CONTRACTOR:

1. DATA ITEM NO. A020

2. TITLE OF DATA ITEM: Preservation and Packaging Data

3. SUBTITLE:

4. AUTHORITY (Dt of Acq Document No.) Contractor Format 5. CONTRACT REFERENCE: TBD

6. REQUIRING OFFICE: PM-LAV

7. DD250 REQ: LT

8. APP CODE: A

9. DIST. STATEMENT REQUIRED:

10. FREQUENCY: See Blk 16

11. AS OF DATE:

12. DATE OF FIRST SUB:

13. DATE OF SUBS.SUB:

14. DISTRIBUTION A. ADDRESSEES C2CDRL@tacom.army.mil B. COPIES DRAFT 1 FINAL 1

15. TOTAL: 2

16. REMARKS: Phases II and III. The Contractor shall provide actual unit pack weight (pounds/lbs), unit pack size (inches), and unit pack cube (cubic ft/cu ft) for all new procurable items. This data shall be submitted electronically to C2CDRL@tacom.army.mil to support the technical manual development process.

17. PRICE GROUP:

18. ESTIMATED TOTAL PRICE:

A. CONTRACT LINE ITEM NO

B. EXHIBIT:

C. CATEGORY:

D. SYSTEM/ITEM:

E. CONTRACT/PR NO.:

F. CONTRACTOR:

1. DATA ITEM NO. A021

2. TITLE OF DATA ITEM: XML data / Technical Manuals (TMs) and SL-4

3. SUBTITLE:

4. AUTHORITY (Dt of Acq Document No.) Contractor Format 5. CONTRACT REFERENCE: TMCB

6. REQUIRING OFFICE: PM-LAV

7. DD250 REQ: LT

8. APP CODE: A

9. DIST. STATEMENT REQUIRED:

10. FREQUENCY: See Blk 16

11. AS OF DATE:

12. DATE OF FIRST SUB:

13. DATE OF SUBS.SUB:

14. DISTRIBUTION A. ADDRESSEES C2CDRL@tacom.army.mil B. COPIES DRAFT See blk 16

FINAL See blk 16

15. TOTAL: See blk 16

16. REMARKS: Applies to phases II and III. The Contractor shall deliver XML data for the integrated LAV-C2 Upgrade Operator Manuals 30 days prior to DT, OT, and PVT test efforts. The Operator manual shall include all operator information regardless if the components are Government or Contractor furnished. The Contractor shall deliver XML data for the organizational maintenance level, to include SL-4, to support DT and OT 30 days prior to DT. Deliver XML data for the organizational maintenance level through general support maintenance level, to include SL-4, to support PVT NLT 10 days prior to the start of PVT.

Deliver XML data for the final TMs and SL-4 (Parts) and Rebuild Standards to PM-LAV, NLT one month after successful completion of PVT.

17. PRICE GROUP:

18. ESTIMATED TOTAL PRICE:

1. DATA ITEM NO. A024
2. TITLE OF DATA ITEM: Training Course Outlines, Material, and Daily Training Agenda
3. SUBTITLE:
4. AUTHORITY (Dt of Acq Document No.) Contractor Format 5. CONTRACT REFERENCE: TBD
6. REQUIRING OFFICE: PM-LAV
7. DD250 REQ: LT 8. APP CODE: A 9. DIST. STATEMENT REQUIRED: 10. FREQUENCY: See Blk 16
11. AS OF DATE: 12. DATE OF FIRST SUB: 13. DATE OF SUBS.SUB:

14. DISTRIBUTION A. ADDRESSEES C2CDRL@tacom.army.mil B. COPIES DRAFT FINAL 1
15. TOTAL: 1

16. REMARKS: Applies to phases II and III. The Contractor shall submit the training course outline electronically to C2CDRLO@tacom.army.mil for Government comments to support the development of the training course materials for DT, OT, PVT, I&KP, and NET. The Contractor shall provide one copy of the training materials and agenda to each student at the start of each training session. The number of students scheduled for the training sessions are as follows:

	DT	OT	PVT	I&KP	NET
Operator	10	10	15	15	15
Maintenance	0	4	6	15	15

17. PRICE GROUP: 18. ESTIMATED TOTAL PRICE:
G. PREPARED BY: I. APPROVED BY:
H. DATE: J. DATE:

A. CONTRACT LINE ITEM NO B. EXHIBIT: C. CATEGORY:
D. SYSTEM/ITEM: E. CONTRACT/PR NO.: F. CONTRACTOR:

1. DATA ITEM NO. A025
2. TITLE OF DATA ITEM: Configuration Status Accounting Information (CSAI)
3. SUBTITLE:
4. AUTHORITY (Dt of Acq Document No.)DI-CMAN-81253A 5. CONTRACT REFERENCE: TBD
6. REQUIRING OFFICE: PM-LAV
7. DD250 REQ: LT 8. APP CODE: A 9. DIST. STATEMENT REQUIRED: 10. FREQUENCY: As req'd
11.AS OF DATE: 12. DATE OF FIRST SUB:As req'd 13. DATE OF SUBS.SUB:

14. DISTRIBUTION A. ADDRESSEES MCLCA (566-1) B. COPIES DRAFT FINAL 1
15. TOTAL: 1

16. REMARKS: Report shall be created using Microsoft EXCEL in Contractor format. The report shall be submitted electronically to terra.jowers@usmc.mil. Reports will be submitted quarterly with first submission due 20 days after close of first quarter of new fiscal year. Subsequent submissions are due 20 days after close of each remaining quarter of the fiscal year. DID DI-CMAN-81253A is referenced for information purposes only. Following format of this DID is not required.

17. PRICE GROUP: 18. ESTIMATED TOTAL PRICE:
G. PREPARED BY: I. APPROVED BY:
H. DATE: J. DATE:

A. CONTRACT LINE ITEM NO B. EXHIBIT: C. CATEGORY:
D. SYSTEM/ITEM: E. CONTRACT/PR NO.: F. CONTRACTOR:

1. DATA ITEM NO. A026
2. TITLE OF DATA ITEM:Physical Configuration Audit (PCA) Plan
3. SUBTITLE:
4. AUTHORITY (Dt of Acq Document No.)Contractor Format 5. CONTRACT REFERENCE: TBD
6. REQUIRING OFFICE: PM-LAV
7. DD250 REQ: LT 8. APP CODE: A 9. DIST. STATEMENT REQUIRED: 10. FREQUENCY: See Blk 16
11.AS OF DATE: 12. DATE OF FIRST SUB: 13. DATE OF SUBS.SUB:

14. DISTRIBUTION A. ADDRESSEES C2CDRL@tacom.army.mil B. COPIES DRAFT FINAL 1
15. TOTAL: 1

16. REMARKS: The contractor shall submit the PCA Plan electronically to C2CDRL@tacom.army.mil 45 days prior to the configuration audit. As part of the plan the Contractor shall submit a Indented Bill of Materials (IBOM). The Government shall review the plan and provide comments NLT 20 days after receipt of the plan. The Government reserves the right to audit 100% of the items on the IBOM. DID DI-SESS-81646 is referenced for information purposes only. Following format of this DID is not required.

17. PRICE GROUP:

18. ESTIMATED TOTAL PRICE:

G. PREPARED BY:

I. APPROVED BY:

H. DATE:

J. DATE:

A. CONTRACT LINE ITEM NO

B. EXHIBIT:

C. CATEGORY:

D. SYSTEM/ITEM:

E. CONTRACT/PR NO.:

F. CONTRACTOR:

1. DATA ITEM NO. A027

2. TITLE OF DATA ITEM: Engineering Data for Provisioning (EDFP)

3. SUBTITLE:

4. AUTHORITY (Dt of Acq Document No.) Contractor Format 5. CONTRACT REFERENCE: TBD

6. REQUIRING OFFICE: PM-LAV

7. DD250 REQ: LT

8. APP CODE: A

9. DIST. STATEMENT REQUIRED:

10. FREQUENCY: See Blk 16

11. AS OF DATE:

12. DATE OF FIRST SUB:

13. DATE OF SUBS.SUB:

14. DISTRIBUTION A. ADDRESSEES C2CDRL@tacom.army.mil B. COPIES DRAFT FINAL 1

15. TOTAL: 1

16. REMARKS: The Contractor shall submit two copies of the EDPF to support TM development. The EDPs is required in the following order of preference: Government or recognized industry standards, engineering drawings, commercial catalogs or catalog descriptions, or sketches or photographs with brief descriptions if dimensional, material, mechanical, electrical or other descriptive characteristics.

17. PRICE GROUP:

18. ESTIMATED TOTAL PRICE:

A. CONTRACT LINE ITEM NO

B. EXHIBIT:

C. CATEGORY:

D. SYSTEM/ITEM:

E. CONTRACT/PR NO.:

F. CONTRACTOR:

1. DATA ITEM NO. A028

2. TITLE OF DATA ITEM: System Performance Specification

3. SUBTITLE:

4. AUTHORITY (Dt of Acq Document No.) Contractor Format 5. CONTRACT REFERENCE: TBD

6. REQUIRING OFFICE: PM-LAV

7. DD250 REQ: LT

8. APP CODE:

9. DIST. STATEMENT REQUIRED:

10. FREQUENCY: See Blk 16

11. AS OF DATE:

12. DATE OF FIRST SUB:

13. DATE OF SUBS.SUB:

14. DISTRIBUTION A. ADDRESSEES C2CDRL@tacom.army.mil B. COPIES DRAFT FINAL 1

15. TOTAL: 1

16. REMARKS: Applies to all phases. The Contractor shall submit a System Performance Specification electronically to C2CDRL@tacom.army.mil as required by contract and design changes. Updates shall be submitted as required. The System Performance Specification shall be submitted in Microsoft Word.

17. PRICE GROUP:

18. ESTIMATED TOTAL PRICE:

Government Furnished Equipmant/Material/Property/Information

Hardware:

One (1) Light Armored Vehicle, Command and Control (LAV-C2) variant, S/N TBD with SL-3 Gear

One (1) Expeditionary Fighting Vehicle (EFV) Multi-Processor Unit (MPU) II with integrated router

Two (2) EFV Mass Memory Units (MMUs)

Four (4) MILTOPE TSC-750M MSD-FR laptop computers

One (1) Bullfrog ultra spark laptop computer

One (1) Intercommunications system

Seven (7) Combat Vehicle Crewman Helmets

Radios:

Two (2) VRC-92D SINCGARS VHF radios (four R/Ts) w/ AS-3816/VRC antennas and mounts

Two (2) AN/PRC-117 Multi-band radios w/ antennas and mounts

One (1) VRC-103 HF radio (PRC-150 R/T) w/ antenna and mount

One (1) OS-302 antenna and mount

Data receiver/transmitters:

Two Enhanced Position Location Reporting System (EPLRS) w/ antennas and mounts

One PLGR Global Positioning System w/ antenna and mount

Common Tools as requested by the Contractor

Software:

AFATDS

C2PC Gateway

Hummingbird Exceed

UNIX loaded on Bullfrog laptop computer

MS Windows XP loaded on MILTOPE laptop computers

MS Office Suite

Marine Corps. Interactive Computer aided Provisioning System

Information:

Light Armored Vehicle Manuals (initially PDF - SGML data will be available no later than 10 days after contract award)

LAV-25A1 Auto/Hull TM's

LI-08594B-12/1 dated 30 Sept 03

TM 08954B-10/2 dated 30 Sept 03

TM 08954B-20/4 Volumes 1&2 dated 30 Sept 03

TM 08954B-34/9 Volumes 1&2 dated 30 Sept 03

SL-3 08954B dated 31 Oct 02

SL-4 08954B Volume 2 dated 30 Sept 03

RS 08954B-50/2 dated 30 Sept 03

LAV-CCA1 TM's

LI-08650B-12 dated 30 April 03

TM 08650B-10 dated 30 Sept 03 (Supplement to TM 08954B-10/2)

TM 08650B-20 dated 30 Sept 03 (Supplement to TM 08954B-20/4)

TM 08650B-34 dated 30 Sept 03 (Supplement to TM 08954B-34/9)

SL-3 08650B dated 31 Oct 02

SL-3 08650B Change 1 dated 31 Jan 03
SL-4 08650B dated 30 Sept 03
RS 08650B-50 dated 30 Sept 03

Equipment Preservation Data Sheet for the LAV-C2

Common No. 1 Tool Kit List for NSN 4910-01-238-8115
Common No. 2 Tool Kit List for NSN 4910-01-238-8116
General Mechanics Tool Kit List for NSN 5180-00-606-3566
2nd Echelon Special Tool Kit List for NSN 5180-01-175-5559
3rd Echelon Special Tool Kit List for NSN 5180-01-176-2542
4th Echelon Special Tool Kit List for NSN 5180-01-177-1343

Data Type Dictionary (DTD) USMC-LAV V1 040629

UDLP/TACOM Ground Combat Vehicle Code- Steel, Rev A, dated Apr 2004

Technical Manuals

-MILTOPE Computer
-BULLFROG Computer

ATTACHMENT 005

Technical Manual Contract Requirements (TMCr) for the LAV-C2 Upgrade

SUBJECT: REQUIREMENTS FOR DELIVERY OF OPERATOR AND MAINTENANCE STANDARDIZED GENERAL MARKUP LANGUAGE (SGML) TECHNICAL MANUAL CHANGE PAGES AND REPAIR PARTS LISTS.

SCOPE: This TMCr presents requirements for preparing the XML Technical manual data for the LAV-C2 Upgrade for all phases of the program. The requirements specified herein constitute the tasks to be performed by the contractor and the resulting deliverables. This XML data shall be developed to support the LAV-C2 Upgrade during all testing phases and the eventual deployment of the LAV-C2 Upgrade. The XML data, as delivered by the contractor, shall be integrated into the PM LAV FOLAV IETM

1.0 Data Items. Data Items shall be delivered in accordance with the Distribution Matrix as listed on the DD-1423, Contract Data Requirements Lists (CDRL) Exhibit X.

2.0 Applicable Documents.

2.1 Government Documents. The following documents, of the issue in effect, shall be used as guidance. In case of conflict between the requirements of MCO P5215.17 and this TMCr, the TMCr shall take precedence. These documents support both electronic and paper delivery of technical manuals.

MIL-PRF-28003B Digital Representation for Communication of Illustration Data: CGM Application Profile

MIL-HDBK-511 Department of Defense Handbook for Interoperability of Interactive

Electronic Technical Manuals (IETMs)

MCO P5215.17 The Marine Corps Technical Publication System

040629 PMLAV V1 Data Type Definition (DTD)

PM LAV Hyperlink Protocol

2.2 Commercial Documents.

ASME Y14.38M Abbreviations and Acronyms

3.0 Requirements. The requirements of this TMCr shall take precedence over any other document pertaining to TMs.

3.1 General. The LAV-C2 Upgrade XML data shall describe in detail the operation instructions, maintenance tasks, support equipment, tools and test equipment, and repair parts necessary to operate, maintain and restore equipment/systems from the operator to the depot level. The general method of preparation shall be in accordance with PM LAV V1 040629. The XML shall be prepared in conformance with DoD IETM Web-based guidance of the timeframe. The XML shall be written in simple, practical English. All terminology, symbols, and abbreviations shall be readily understandable by operator/maintenance technicians. Use of abbreviations shall be held to a minimum, and shall be defined the first time they appear. All abbreviations shall be hypertext linked to a master glossary. The style and format/layout of the data shall be consistent with the GFI data provided to the contractor.

3.2 Detail Requirements. The contractor shall utilize the applicable LAV-C2A1 Government Furnished Information (GFI) Technical Publications as identified in Attachment X1 and the XML GFI data and add/or subtract from the XML data to create a LAV-C2 Upgrade XML file that includes complete documentation for the -10 (Operator), -20 (Organizational), -34 (Intermediate), Rebuild Standard, and the SL-4 (Parts Manual). All information that is either added or removed from the LAV-C2A1 technical publications/XML data shall be validated by the contractor and verified by the Government prior to final publication release to the Government. It is suggested that the contractor utilize the information in the publications that support the Government Furnished Material to the greatest extent practical for incorporation in to the LAV-C2 Upgrade XML data. Each operator/maintenance task shall be presented in detail and in logical step-by-step procedures for the work to be accomplished. The operator/maintenance task instructions shall accurately provide the operator/technician with all the information needed to keep the equipment operational

3.3 Technical Manual Quality Assurance Data/ IETM Development Plan. This plan shall specify the development of the technical manuals and the XML data that supports the LAV-C2 Upgrade. The plan shall detail the authoring, content, data management, integration, revision control, and quality assurance requirements. The plan also addresses specific IETM capabilities that will be demonstrated at the Logistics Demonstration. This plan shall also include the Quality Assurance Program Plan and the Contractor Verification Plan. The Plan shall be delivered to PM LAV NLT 30 days after the ILS Start of work meeting.

The schedule for each XML deliverable item shall include the following:

- a. Conduct of Government inspections (including review of interim deliverables).
- b. Contractor quality reviews.
- c. Validation.
- d. XML rendered for verification (proposed start of verification).
- e. Estimated date of delivery.
- f. Any other contractually required milestone (i.e., Log reviews, FEAT meetings, etc)

3.3.1. Procedures for Quality Reviews. A description of the contractor's procedures for quality reviews, including the accomplishment of required changes and the correction of identified errors and insertion into the SGML. The QA Plan shall also explain procedures for maintaining records of defects found and corrective actions taken.

3.3.2. Source Data Management. The QA Plan shall provide a description of the contractors source data management procedures. The QA Plan shall describe plans to assure that the most current source data are made available, controlled, and utilized for IETM generation. The QA Plan shall describe how the QA effort will assure direct communication between information developed by the Logistics Management Information (LMI), and the IETM authoring system. The LMI data shall be consistent with the SGML/Technical Publication data.

3.3 Front Matter. Front matter for the XML shall conform to the requirements of PM LAV DTD. The front matter shall also contain a recapitulation of warnings and cautions. At a minimum the front matter shall consist of:

- a. Title Frame
- b. Table of Contents
- c. Safety Summary .

d. Publication Date.

3.4 Technical Content

The Lubrication procedures shall be arranged in a logical sequence that requires the personnel performing the tasks to expend the minimum time and motion. The lubrication procedures shall be arranged so as to cause minimal interference between personnel performing simultaneous checks on the same vehicle. PMCS tasks shall be arranged in a logical sequence that requires personnel performing the tasks to expend the minimum time and energy. The XML data shall be reflective of the decisions arrived at the Front End Analysis Team meeting(s) and the data contained in the Logistics Management Information system.

3.5 Graphics and Illustrations. The primary source for graphics shall be the engineering database. However, graphics to depict clarity in procedures and tasks shall not be limited to line art derived from the engineering database.

3.6 Document Type Definition (DTD). The PM LAV1 040629 DTD shall be used by the contractor during his authoring and tagging of the technical data. Configuration management of the DTD is the responsibility of the PM LAV Office.

3.7 XML Updates. XML corrections resulting from Logistics reviews, technical evaluations, and validations shall be incorporated in to the final XML database. The contractor shall propose a methodology for identifying the updated portions of the XML to ensure accuracy and configuration control.

3.8. Operator Data. The operator data consists of tools, equipment, operation and maintenance instructions performed by the user or operator. The Operator data shall include all relevant Operator information irregardless if the components were Government or Contractor furnished.

3.9 Maintenance Data. The Maintenance Data describes equipment maintenance to be performed by organizational through depot maintenance personnel. For maintenance tasks that require common tools they must be identified in the front of the task by nomenclature only. For tools that are determined to be special tools they shall be identified in the front of the task by nomenclature and part number. The SL-4/Repair Parts List shall identify all components of the LAV-C2A2 vehicle that matches the agreed upon supportability concept. The XML data shall be capable of processing and displaying technical information (including hydraulic and electrical schematics and flow diagrams). In the case of schematics and flow diagrams, the user will be able to trace any electrical/hydraulic circuit from its origin to termination. This should be accomplished by logical groups and unique identification description.

3.10 Publication Freeze date. The publication freeze date for the final XML data shall be provided to the contractor during Phase III of the program and shall appear on the front covers only.

4.0 Packaging and Delivery.

4.1 Delivery Instructions. The final XML data shall be delivered in accordance with CDRL A021.

4.1.1 Packaging and Marking. In addition to sender and addressee information, the exterior of each package shall bear the following:

- (1) Publication number
- (2) Contract or purchase order number
- (3) Type of material enclosed
- (4) Number of containers in the shipment

4.1.2 Packing List. A copy of the letter of transmittal or packing list shall be placed inside the package. When a shipment consists of several packages, the letter of transmittal or packing list shall be enclosed in the first package and shall identify the material that was wrapped in each package.

4.1.3 CD-ROM for Review. The CD-ROMs shall be wrapped to provide maximum protection during shipping. Each CD-ROM shall be delivered in a standard compact digital/audio disk case and wrapping. The case is to be usable as storage for the disk once the plastic cover wrapping is removed. Multiple copies may be delivered in the same shipping container. CD-ROMs are to be delivered as specified on the distribution matrix of the CDRL.